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NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks
(ROSPATENT) added to list of core patent offices covered
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data from INPADOC
NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 12 MAR 22 PATDPASPC - New patent database available
NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new
fields
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced
NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0c(JP),
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
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FILE 'HOME' ENTERED AT 13:17:15 ON 11 APR 2005

	SINCE FILE	TOTAL
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>> file .agbiotech		
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FILE 'CAPLUS' ENTERED AT 13:18:07 ON 11 APR 2005
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FILE 'AGRICOLA' ENTERED AT 13:18:07 ON 11 APR 2005

FILE 'BIOSIS' ENTERED AT 13:18:07 ON 11 APR 2005

Copyright (c) 2005 The Thomson Corporation

=> s artificial chromosome

L1 11410 ARTIFICIAL CHROMOSOME

=> s plant and l1

L2 2785 PLANT AND L1

=> s (plant cell) and l2

L3 113 (PLANT CELL) AND L2

=> S SATELLITE AND L3

L4 3 SATELLITE AND L3

=> d 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS ON STN

2003:777272 CAPLUS

139:287300

Methods for delivery of large nucleic acids complexed with cationic dendrimers into eukaryotic cells for increased efficiency of gene transfer in therapy

de Jong, Gary; Vanderbyl, Sandra Louise
Can.

U.S. Pat. Appl. Publ., 40 pp., Cont.-in-part of U.S. Ser. No. 815,981.

CODEN: USXXCO

Patent

English

PAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003186390	A1	20031002	US 2002-86745	20020228
US 2003003435	A1	20030102	US 2001-815981	20010322
CA 2441535	AA	20021003	CA 2002-2441535	20020322
WO 2002076508	A1	20021003	WO 2002-US9262	20020322
WO 2002076508	B1	20021212		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1383541	A1	20040128	EP 2002-753692	20020322
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2004532205	T2	20041021	JP 2002-575020	20020322
US 2003113917	A1	20030619	US 2002-235119	20020903
US 2001-815981	A2	20010322		
US 2001-815979	A	20010322		
US 2002-86745	A	20020228		
WO 2002-US9262	W	20020322		

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS ON STN

2002:927444 CAPLUS

138:20474

Artificial chromosome vectors for stable transformation of plants

Perez Carl; Fabijanski, Steven F.; Perkins, Edward

PA Chromos Molecular Systems, Inc., Can.; Agrisoma, Inc.
 SO PCT Int. Appl., 269 pp.
 CODEN: PIXXD2
 OT Patent
 LA English
 AN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002096923	A1	20021205	WO 2002-US17451	20020530
WO 2002096923	B1	20040521		
WO 2002096923	C2	20050106		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
NZ 529597	A	20031219	NZ 2002-529597	20020530
EP 1401849	A1	20040331	EP 2002-739627	20020530
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
BR 2002009745	A	20040810	BR 2002-9745	20020530
US 2004214290	A1	20041028	US 2002-161408	20020530
JP 2005500827	T2	20050113	JP 2003-500102	20020530
PRAI US 2001-294687P	A2	20010530		
US 2001-296329P	A2	20010604		
WO 2002-US17451	W	20020530		

RE. CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

LA ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:754254 CAPLUS
 ON 137:274019
 TI Delivery of large nucleic acid molecules into eukaryotic cells as complexes with cationic dendrimers
 N Dejong, Gary; Vanderbyl, Sandra Louise; Oberle, Volker; Hoekstra, Dirk; Drayer, Jan; Tak, Paul Peter
 PA Chromos Molecular Systems, Inc., Can.
 SO PCT Int. Appl., 111 pp.
 CODEN: PIXXD2
 OT Patent
 LA English
 AN. CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002076508	A1	20021003	WO 2002-US9262	20020322
WO 2002076508	B1	20021212		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003003435	A1	20030102	US 2001-815981	20010322
US 2003059940	A1	20030327	US 2001-815979	20010322
US 2003186390	A1	20031002	US 2002-86745	20020228
CA 2441535	AA	20021003	CA 2002-2441535	20020322
EP 1383541	A1	20040128	EP 2002-753692	20020322
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			

JP 2004532205 T2 20041021 JP 2002-575020 20020322
RAI US 2001-815979 A1 20010322
US 2001-815981 A1 20010322
US 2002-86745 A1 20020228
WO 2002-US9262 W 20020322

E.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

> d his.

(FILE 'HOME' ENTERED AT 13:17:15 ON 11 APR 2005)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 13:18:07 ON 11 APR 2005

1 11410 S ARTIFICIAL CHROMOSOME
2 2785 S PLANT AND L1
3 113 S (PLANT CELL) AND L2
4 3 S SATELLITE AND L3

> dup rem l4

PROCESSING COMPLETED FOR L4
5 3 DUP REM L4 (0 DUPLICATES REMOVED)

> s satellite and l2

6 49 SATELLITE AND L2

> dup rem l6

PROCESSING COMPLETED FOR L6
7 33 DUP REM L6 (16 DUPLICATES REMOVED)

> d l-10

7 ANSWER 1 OF 33 BIOSIS. COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2004:293836 BIOSIS
ON PREV200400297392

TI **Artificial chromosomes**, uses thereof and methods for
preparing **artificial chromosomes**.

KU Hadlaczky, Gyula [Inventor, Reprint Author]; Szalay, Aladar A. [Inventor]
CS Szamos, Hungary

ASSIGNEE: Chromos Molecular Systems Inc., Canada; The Biological Research
Center of the Hungarian Academy of Sciences, Hungary

PI US 6743967 June 01, 2004

SO Official Gazette of the United States Patent and Trademark Office Patents,
(June 1 2004) Vol. 1283, No. 1. <http://www.uspto.gov/web/menu/patdata.html>
e-file.

ISSN: 0098-1133 (ISSN print).

OT Patent

LA English

ED Entered STN: 23 Jun 2004

Last Updated on STN: 23 Jun 2004

L7 ANSWER 2 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1

AN 2004:328432 CAPLUS

ON 141:18482

TI Composition and structure of the centromeric region of rice chromosome 8
AU Wu, Jianzhong; Yamagata, Harumi; Hayashi-Tsugane, Mika; Hijishita, Saori;
Fujisawa, Masaki; Shibata, Michie; Ito, Yukiyo; Nakamura, Mari; Sakaguchi,
Miyuki; Yoshihara, Rie; Kobayashi, Harumi; Ito, Kazue; Karasawa, Wataru;
Yamamoto, Mayu; Saji, Shoko; Katagiri, Satoshi; Kanamori, Hiroyuki;
Namiki, Nobukazu; Katayose, Yuichi; Matsumoto, Takashi; Sasaki, Takuji
CS Rice Genome Research Program, National Institute of Agrobiological
Sciences/Institute of the Society for Techno-Innovation of Agriculture,
Forestry, Tsukuba, 305-8602, Japan
SO Plant Cell (2004), 16(4), 967-976
CODEN: PLCEEW; ISSN: 1040-4651

PB American Society of Plant Biologists

DT Journal

LA English

E.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

7 ANSWER 3 OF 33 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
N 2004:115100 BIOSIS
N PREV200400105105
I Sequencing of a rice centromere uncovers active genes.
U Nagaki, Kiyotaka; Cheng, Zhukuan; Ouyang, Shu; Talbert, Paul B.; Kim,
S Mary; Jones, Kristine M.; Henikoff, Steven; Buell, C. Robin [Reprint
A Author]; Jiang, Jiming
D The Institute for Genomic Research, 9712 Medical Center Drive, Rockville,
MD, 20850, USA
rbuell@tigr.org; jjiangl@wisc.edu
O Nature Genetics, (February 2004) Vol. 36, No. 2, pp. 138-145. print.
T ISSN: 1061-4036 (ISSN print).
A Article
A English
D Entered STN: 25 Feb 2004
Last Updated on STN: 25 Feb 2004

7 ANSWER 4 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
N 2005:245381 CAPLUS
I Whole-genome fractionation rapidly purifies DNA from centromeric regions
U Luo, Song; Hall, Anne E.; Hall, Sarah E.; Preuss, Daphne
S Department of Molecular Genetics and Cell Biology, University of Chicago,
Chicago, IL, 60637, USA
SO Nature Methods (2004), 1(1), 67-71
CODEN: NMAEA3; ISSN: 1548-7091
PB Nature Publishing Group
OT Journal
A English
RE.CNT 37

THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

7 ANSWER 5 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
N 2003:777272 CAPLUS
N 139:287300
TI Methods for delivery of large nucleic acids complexed with cationic
IN dendrimers into eukaryotic cells for increased efficiency of gene transfer
PA de Jong, Gary; Vanderbyl, Sandra Louise
SO Can.
U.S. Pat. Appl. Publ., 40 pp., Cont.-in-part of U.S. Ser. No. 815,981.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003186390	A1	20031002	US 2002-86745	20020228
US 2003003435	A1	20030102	US 2001-815981	20010322
CA 2441535	AA	20021003	CA 2002-2441535	20020322
WO 2002076508	A1	20021003	WO 2002-US9262	20020322
WO 2002076508	B1	20021212		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1383541	A1	20040128	EP 2002-753692	20020322
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	W2	20041031	TR 2002 575020	20020322

	US 2003113917	A1	20030619	US 2002-235119	20020903
PRAI	US 2001-815981	A2	20010322		
	US 2001-815979	A	20010322		
	US 2002-86745	A	20020228		
	WO 2002-US9262	W	20020322		

L7 ANSWER 6 OF 33 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 3
AN 2003:108254 CABA
DN 20033077832
TI Molecular and cytological analyses of large tracks of centromeric DNA
AU reveal the structure and evolutionary dynamics of maize centromeres
SO Nagaki, K.; Song, J. Q.; Stupar, R. M.; Parokony, A. S.; Yuan, Q. P.;
Ouyang, S.; Liu, J.; Hsiao, J.; Jones, K. M.; Dawe, R. K.; Buell, C. R.;
Jiang, J. M.
CS Department of Horticulture, 1575 Linden Dr., University of Wisconsin,
Madison, WI 53706, USA. jjiang1@facstaff.wisc.edu
Genetics, (2003) Vol. 163, No. 2, pp. 759-770. many ref.
Publisher: Genetics Society of America. Bethesda
ISSN: 0016-6731
CY United States
DT Journal
LA English
ED Entered STN: 20030707
Last Updated on STN: 20030707

L7 ANSWER 7 OF 33 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 4
AN 2004:14199 CABA
DN 20033201749
TI Physical maps and recombination frequency of six rice chromosomes
AU Wu JianZhong; Mizuno, H.; Hayashi-Tsugane, M.; Ito, Y.; Chiden, Y.;
Fujisawa, M.; Katagiri, S.; Saji, S.; Yoshiki, S.; Karasawa, W.;
Yoshihara, R.; Hayashi, A.; Kobayashi, H.; Ito, K.; Hamada, M.; Okamoto,
M.; Ikeno, M.; Ichikawa, Y.; Katayose, Y.; Yano, M.; Matsumoto, T.;
Sasaki, T.; Wu, J. Z.
CS Rice Genome Research Program (RGP), National Institute of Agrobiological
Sciences/Institute of the Society for Techno-innovation of Agriculture,
Forestry and Fisheries, Tsukuba, Ibaraki 305-8602, Japan.
tsasaki@nias.affrc.go.jp
SO Plant Journal, (2003) Vol. 36, No. 5, pp. 720-730. 38 ref.
Publisher: Blackwell Publishing. Oxford
ISSN: 0960-7412
CY United Kingdom
DT Journal
LA English
ED Entered STN: 20040112
Last Updated on STN: 20040112

L7 ANSWER 8 OF 33 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2004:367420 BIOSIS
DN PREV200400365435
TI Organization of the chromosomal distal end specific **satellite**
AU DNA in *Silene latifolia*.
SO Kazama, Yusuke; Sugiyama, Ryuji; Uchida, Wakana; Kawano, Shigeyuki
Genes & Genetic Systems, (December 2003) Vol. 78, No. 6, pp. 493. print.
Meeting Info.: 75th Annual Meeting of the Genetics Society of Japan.
Sendai, Japan. September 24-26, 2003. Genetics Society of Japan.
ISSN: 1341-7568.
DT Conference; (Meeting)
LA Conference; Abstract; (Meeting Abstract)
ED English
Entered STN: 8 Sep 2004
Last Updated on STN: 8 Sep 2004

L7 ANSWER 9 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5
AN 2003:669320 CAPLUS
DN 140:88405
TI Organization of the KpnI family of chromosomal distal-end
satellite DNAs in *Silene latifolia*

AU Kazama, Yusuke; Sugiyama, Ryuji; Matsunaga, Sachihiro; Shibata, Fukashi;
CS Uchida, Wakana; Hizume, Masahiro; Kawano, Shigeyuki
Bldg. FSB-601, Graduate School of Frontier Sciences, Department of
Integrated Biosciences, University of Tokyo, 5-1-5 Kashiwanoha, Kashiwa,
SO Chiba, 277-8562, Japan
Journal of Plant Research (2003), 116(4), 317-326
CODEN: JPLREA; ISSN: 0918-9440
PB Springer-Verlag Tokyo
DT Journal
LA English

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 10 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:754694 CAPLUS
DN 140:53976

TI The use of in situ hybridization to investigate **plant** chromosome
diversity

CU Datson, Paul Maxwell; Murray, Brian Grant
AU School of Biological Sciences, The University of Auckland, Auckland, N. Z.
SO Plant Genome (2003), 1(Pt. A), 297-318
CODEN: PGLEA4
PB Science Publishers, Inc.
DT Journal; General Review
LA English

RE.CNT 91 THERE ARE 91 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

>
-----User Break----->

> d his
(FILE 'HOME' ENTERED AT 13:17:15 ON 11 APR 2005)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 13:18:07 ON 11 APR 2005
L1 11410 S ARTIFICIAL CHROMOSOME
L2 2785 S PLANT AND L1
L3 113 S (PLANT CELL) AND L2
L4 3 S SATELLITE AND L3
L5 3 DUP REM L4 (0 DUPLICATES REMOVED)
L6 49 S SATELLITE AND L2
L7 33 DUP REM L6 (16 DUPLICATES REMOVED)

> d 11-22

L7 ANSWER 11 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:927564 CAPLUS
DN 138:19448

TI **Artificial chromosome** expression vectors containing
elements of site-specific recombination systems for convenient integration
of foreign genes

IN Perkins, Edward; Perez, Carl; Lindenbaum, Michael; Greene, Amy; Leung,
Josephine; Fleming, Elena; Stewart, Sandra; Shellard, Joan
PA Chromos Molecular Systems, Inc., Can.
SO PCT Int. Appl., 272 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 2002097059 A2 20021205 WO 2002-US17452 20020530
WO 2002097059 A3 20030530
WO 2002097059 C2 20030925
WO 2002097059 B1 20031231
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
 GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,
 GN, GQ, GW, ML, MR, NE, SN, TD, TG
 CA 2441937 AA 20021205 CA 2002-2441937 20020530
 US 2003119104 A1 20030626 US 2002-161403 20020530
 EP 1390384 A2 20040225 EP 2002-737341 20020530
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2005503778 T2 20050210 JP 2003-500228 20020530
 US 2001-294758P P 20010530
 US 2002-366891P P 20020321
 WO 2002-US17452 W 20020530

ANSWER 12 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
 2002:927444 CAPLUS
 138:20474

Artificial chromosome vectors for stable transformation of plants

Perez, Carl; Fabijanski, Steven F.; Perkins, Edward
 Chromos Molecular Systems, Inc., Can.; Agrisoma, Inc.
 PCT Int. Appl., 269 pp.
 CODEN: PIXXD2

Patent
 English
 CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002096923	A1	20021205	WO 2002-US17451	20020530
WO 2002096923	B1	20040521		
WO 2002096923	C2	20050106		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
NZ 529597	A	20031219	NZ 2002-529597	20020530
EP 1401849	A1	20040331	EP 2002-739627	20020530
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002009745	A	20040810	BR 2002-9745	20020530
US 2004214290	A1	20041028	US 2002-161408	20020530
JP 2005500827	T2	20050113	JP 2003-500102	20020530
US 2001-294687P	A2	20010530		
US 2001-296329P	A2	20010604		
WO 2002-US17451	W	20020530		

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 13 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
 2002:754254 CAPLUS
 137:274019

Delivery of large nucleic acid molecules into eukaryotic cells as complexes with cationic dendrimers

Dejong, Gary; Vanderbyl, Sandra Louise; Oberle, Volker; Hoekstra, Dirk;
 Drayer, Jan; Tak, Paul Peter
 Chromos Molecular Systems, Inc., Can.
 PCT Int. Appl., 111 pp.

OT
A
AN. CNT 2

CODEN: PIXXD2
Patent
English

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002076508	A1	20021003	WO 2002-US9262	20020322
WO 2002076508	B1	20021212		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003003435	A1	20030102	US 2001-815981	20010322
US 2003059940	A1	20030327	US 2001-815979	20010322
US 2003186390	A1	20031002	US 2002-86745	20020228
CA 2441535	AA	20021003	CA 2002-2441535	20020322
EP 1383541	A1	20040128	EP 2002-753692	20020322
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2004532205	T2	20041021	JP 2002-575020	20020322
US 2001-815979	A1	20010322		
US 2001-815981	A1	20010322		
US 2002-86745	A1	20020228		
WO 2002-US9262	W	20020322		

E. CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

7 ANSWER 14 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
N 2002:865005 CAPLUS
N 138:52654
I Telomeres and centromeres in **plants**
U Murata, M.
S Research Institute for Bioresources, Okayama University, Kurashiki,
710-0046, Japan
O Current Genomics (2002), 3(6), 527-538
CODEN: CGUEA8; ISSN: 1389-2029
B Bentham Science Publishers Ltd.
T Journal; General Review
A English

E. CNT 161 THERE ARE 161 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

7 ANSWER 15 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
N 2002:67136 CAPLUS
N 137:1274
I Sequence organization of barley centromeres
U Hudakova, Sabina; Michalek, Wolfgang; Presting, Gernot G.; ten Hoopen,
Rogier; dos Santos, Karla; Jasencakova, Zuzana; Schubert, Ingo
S Institut fuer Pflanzengenetik und Kulturpflanzenforschung, Gatersleben,
D-06466, Germany
O Nucleic Acids Research (2001), 29(24), 5029-5035
CODEN: NARHAD; ISSN: 0305-1048
B Oxford University Press
T Journal
A English

E. CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

7 ANSWER 16 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
N 2001:869613 CAPLUS
N 137:58242
I Construction and characterization of a BAC library for the molecular

dissection of a single wild beet centromere and sugar beet (*Beta vulgaris*)
genome analysis

Gindullis, Frank; Dechyeva, Daryna; Schmidt, Thomas
CellTec GmbH Biotechnologie, Hamburg, 22459, Germany
Genome (2001), 44(5), 846-855
CODEN: GENOE3; ISSN: 0831-2796

National Research Council of Canada
Journal
English

E.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 17 OF 33 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
2000:503675 BIOSIS
PREV200000503675
Response from Brown.
Brown, William R. A. [Reprint author]
Institute of Genetics, University of Nottingham, Queen's Medical Centre,
Nottingham, NG7 2UH, UK
Trends in Biotechnology, (October, 2000) Vol. 18, No. 10, pp. 403. print.
CODEN: TRBIDM. ISSN: 0167-7799.
Letter
English
Entered STN: 22 Nov 2000
Last Updated on STN: 11 Jan 2002

ANSWER 18 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 6
2000:416625 CAPLUS
133:39084
Artificial chromosomes, uses thereof and methods for
preparing **artificial chromosomes**.
Hadlaczky, Gyula; Szalay, Aladar A.
Chromos Molecular Systems, Inc., Can.; The Biological Research Center of
the Hungarian Academy of Sciences
U.S., 55 pp., Cont.-in-part of U. S. Ser. No. 629,822, abandoned.
CODEN: USXXAM
Patent
English
FAN.CNT 5

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6077697	A	20000620	US 1996-682080	19960715
US 6025155	A	20000215	US 1996-695191	19960807
CA 2250682	AA	19971030	CA 1997-2250682	19970410
CA 2429724	AA	19971030	CA 1997-2429724	19970410
CA 2429726	AA	19971030	CA 1997-2429726	19970410
WO 9740183	A2	19971030	WO 1997-US5911	19970410
WO 9740183	A3	19980205		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9724512	A1	19971112	AU 1997-24512	19970410
EP 929689	A2	19990721	EP 1997-920284	19970410
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
NZ 331815	A	20000428	NZ 1997-331815	19970410
JP 2000508177	T2	20000704	JP 1997-538116	19970410
NZ 503055	A	20020726	NZ 1997-503055	19970410
NZ 516885	A	20020828	NZ 1997-516885	19970410
US 2001008025	A1	20010712	US 1998-96648	19980612
US 6743967	B2	20040601		
US 2002160970	A1	20021031	US 2001-799462	20010305

US 2003033617	A1	20030213	US 2001-836911	20010417
AU 773728	B2	20040603	AU 2001-38957	20010430
US 2002160410	A1	20021031	US 2002-125767	20020417
US 2003083293	A1	20030501	US 2002-151081	20020516
US 2003108914	A1	20030612	US 2002-219694	20020814
US 2003101480	A1	20030529	US 2002-287313	20021101
JP 2004033209	A2	20040205	JP 2003-29830	20030206
US 2004143861	A1	20040722	US 2004-782129	20040218
US 2004163147	A1	20040819	US 2004-808689	20040324
JP 2004357716	A2	20041224	JP 2004-227303	20040803

US 1996-629822	B2	19960410
US 1990-521073	B1	19900509
US 1991-759558	A	19910913
US 1992-892487	B1	19920603
US 1993-80097	B1	19930623
US 1995-375271	B1	19950119
US 1996-682080	A2	19960715
US 1996-695191	A	19960807
US 1996-734344	A1	19961021
AU 1997-24512	A3	19970410
CA 1997-2250682	A3	19970410
JP 1997-538116	A3	19970410
NZ 1997-503055	A1	19970410
US 1997-835682	B1	19970410
WO 1997-US5911	W	19970410
US 1998-96648	A1	19980612
US 2000-724693	A1	20001128
US 2000-724726	A1	20001128
US 2001-799462	A3	20010305
JP 2003-29830	A3	20030206

RE.CNT 297 THERE ARE 297 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 19 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 7
AN 2000:114388 CAPLUS
ON 132:147617
TI

Artificial chromosomes, uses thereof and methods for
preparing artificial chromosomes
IN Hadlaczky, Gyula; Szalay, Aladar A.
PA Chromos Molecular Systems, Inc., Can.; The Biological Research Center of
the Hungarian Academy of Sciences
SO U.S., 59 pp., Cont.-in-part of U.S. Ser. No. 682,080.
CODEN: USXXAM

OT Patent
LA English

PAN.CNT 5

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6025155	A	20000215	US 1996-695191	19960807
US 6077697	A	20000620	US 1996-682080	19960715
CA 2250682	AA	19971030	CA 1997-2250682	19970410
CA 2429724	AA	19971030	CA 1997-2429724	19970410
CA 2429726	AA	19971030	CA 1997-2429726	19970410
WO 9740183	A2	19971030	WO 1997-US5911	19970410
WO 9740183	A3	19980205		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9724512	A1	19971112	AU 1997-24512	19970410
EP 929689	A2	19990721	EP 1997-920284	19970410
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
BR 9708855	A	20000104	BR 1997-8855	19970410

NZ	331815	A	20000428	NZ	1997-331815	19970410
JP	2000508177	T2	20000704	JP	1997-538116	19970410
NZ	503055	A	20020726	NZ	1997-503055	19970410
NZ	516885	A	20020828	NZ	1997-516885	19970410
US	2002160970	A1	20021031	US	2001-799462	20010305
US	2003033617	A1	20030213	US	2001-836911	20010417
AU	773728	B2	20040603	AU	2001-38957	20010430
US	2002160410	A1	20021031	US	2002-125767	20020417
US	2003083293	A1	20030501	US	2002-151081	20020516
US	2003108914	A1	20030612	US	2002-219694	20020814
US	2003101480	A1	20030529	US	2002-287313	20021101
JP	2004033209	A2	20040205	JP	2003-29830	20030206
US	2004143861	A1	20040722	US	2004-782129	20040218
US	2004163147	A1	20040819	US	2004-808689	20040324
JP	2004357716	A2	20041224	JP	2004-227303	20040803
US	1996-629822	B2	19960410			
US	1996-682080	A2	19960715			
US	1990-521073	B1	19900509			
US	1991-759558	A	19910913			
US	1992-892487	B1	19920603			
US	1993-80097	B1	19930623			
US	1995-375271	B1	19950119			
US	1996-682191	A	19960715			
US	1996-695191	A	19960807			
US	1996-734344	A1	19961021			
AU	1997-24512	A3	19970410			
CA	1997-2250682	A3	19970410			
JP	1997-538116	A3	19970410			
NZ	1997-503055	A1	19970410			
US	1997-835682	B1	19970410			
WO	1997-US5911	W	19970410			
US	1998-96648	A1	19980612			
US	2000-724693	A1	20001128			
US	2000-724726	A1	20001128			
US	2001-799462	A3	20010305			
JP	2003-29830	A3	20030206			

RE.CNT 318 THERE ARE 318 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 20 OF 33 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
AN 1999:87126 BIOSIS
ON PREV199900087126
TI Human **artificial chromosomes** generated by modification
of a yeast **artificial chromosome** containing both human
alpha **satellite** and single-copy DNA sequences.
AU Henning, Karla A.; Novotny, Elizabeth A.; Compton, Sheila T.; Guan,
Xin-Yuan; Liu, Pu P.; Ashlock, Melissa A. [Reprint author]
CS Genet. Mol. Biol. Branch, Room 3A14, 49 Convent Dr., MSC 4442, Natl. Human
Genome Res. Inst., Bethesda, MD 20892, USA
SO Proceedings of the National Academy of Sciences of the United States of
America, (Jan. 19, 1999) Vol. 96, No. 2, pp. 592-597. print.
CODEN: PNASAG. ISSN: 0027-8424.
OT Article
LA English
ED Entered STN: 1 Mar 1999
Last Updated on STN: 1 Mar 1999

L7 ANSWER 21 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1998:761972 CAPLUS
ON 129:340539
TI Neocentromeric DNA sequence from human chromosome 10q25 with uses as
artificial chromosome vectors
IN Choo, Kong-Hong Andy; Du Sart, Desiree; Cancelli, Michael Robert
PA Amrad Operations Pty. Ltd., Australia
SO PCT Int. Appl., 540 pp.
CODEN: PIXXD2
OT Patent

English
CAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9851790	A1	19981119	WO 1998-AU352	19980513
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9873258	A1	19981208	AU 1998-73258	19980513
AU 731572	B2	20010405		
EP 996719	A1	20000503	EP 1998-920396	19980513
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6265211	B1	20010724	US 1998-78294	19980513
US 2003096398	A1	20030522	US 2000-728552	20001202
RAI AU 1997-6784	A	19970513		
AU 1997-8791	A	19970826		
US 1998-78294	A1	19980513		
WO 1998-AU352	W	19980513		

E.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 22 OF 33 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
1998:256327 BIOSIS
PREV199800256327
Comparison of YACs containing mouse centromeric **satellite**
sequences cloned in rad52 and RAD52 host strains.
McGuigan, Amanda [Reprint author]; Manson, Ania; Haldane, Morgan; Huxley,
Clare
Dep. Biochem. Molecular Genetics, Imperial Coll. Sch. Med. St. Mary's,
London W2 1PG, UK
Mammalian Genome, (April, 1998) Vol. 9, No. 4, pp. 312-315. print.
CODEN: MAMGEC. ISSN: 0938-8990.
Article
English
Entered STN: 9 Jun 1998
Last Updated on STN: 9 Jun 1998

> d 23-33

ANSWER 23 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN
1997:718036 CAPLUS
128:19355
methods for preparing mammalian **artificial chromosomes**
(MACs)
Hadlaczky, Gyula; Szalay, Aladar A.
Hadlaczky, Gyula, Hung.; Szalay, Aladar A.; American Gene Therapy, Inc.;
Biological Research Center of the Hungarian Academy of Sciences; Loma
Linda University
PCT Int. Appl., 248 pp.
CODEN: PIXXD2
Patent
English
CAN.CNT 5

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740183	A2	19971030	WO 1997-US5911	19970410
WO 9740183	A3	19980205		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,				

PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ,
VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,
ML, MR, NE, SN, TD, TG

US 6077697	A	20000620	US 1996-682080	19960715
US 6025155	A	20000215	US 1996-695191	19960807
AU 9724512	A1	19971112	AU 1997-24512	19970410
EP 929689	A2	19990721	EP 1997-920284	19970410
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9708855	A	20000104	BR 1997-8855	19970410
NZ 331815	A	20000428	NZ 1997-331815	19970410
JP 2000508177	T2	20000704	JP 1997-538116	19970410
AU 773728	B2	20040603	AU 2001-38957	20010430
US 2004143861	A1	20040722	US 2004-782129	20040218
US 1996-629822	A	19960410		
US 1996-682080	A	19960715		
US 1996-695191	A	19960807		
US 1996-682191	A	19960715		
AU 1997-24512	A3	19970410		
WO 1997-US5911	W	19970410		
US 1998-96648	A1	19980612		

ANSWER 24 OF 33 BIOSIS COPYRIGHT (c).2005 The Thomson Corporation on
STN
1997:226316 BIOSIS
PREV199799518032
Stabilization of yeast **artificial chromosome** clones in
a rad54-3 recombination-deficient host strain.
Le, Yunzheng; Dobson, Melanie J. [Reprint author]
Dep. Biochem., Fac. Med., Sir Charles Tupper Med. Build., Dalhousie Univ.,
Halifax, NS B3H 4H7, Canada
Nucleic Acids Research, (1997) Vol. 25, No. 6, pp. 1248-1253.
CODEN: NARHAD. ISSN: 0305-1048.
Article
English
Entered STN: 22 May 1997
Last Updated on STN: 22 May 1997

ANSWER 25 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 8
1997:478381 CAPLUS
127:186410
Detection of alien chromatin conferring resistance to the beet cyst
nematode (*Heterodera schachtii* Schm.) in cultivated beet (*Beta vulgaris*
L.) using in situ hybridization
Schmidt, T.; Jung, C.; Heslop-Harrison, J. S.; Kleine, M.
Institute of Crop Science and Plant Breeding, Christian-Albrechts-
University of Kiel, Kiel, D-24118, Germany
Chromosome Research (1997), 5(3), 186-193
CODEN: CRRSEE; ISSN: 0967-3849
Rapid Science Publishers
Journal
English

E.CNT 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 26 OF 33 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 9
96:64419 CABA
19961604096
DNA regions flanking the major *Arabidopsis thaliana* **satellite**
are principally enriched in *Athila retroelement* sequences
Pelissier, T.; Tutois, S.; Tourmente, S.; Deragon, J. M.; Picard, G.
URA CNRS 1940 BIOMOVE, Universite Blaise Pascal, 24 avenue des Landais,
63177 Aubiere Cedex, France.
Genetica, (1996) Vol. 97, No. 2, pp. 141-151. 41 ref.
ISSN: 0016-6707
Journal

LA English
CD Entered STN: 19960513
Last Updated on STN: 19960513

L7 ANSWER 27 OF 33 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
AN 1996:484437 BIOSIS
DN PREV199699199693
TI Analysis of extrachromosomal structures containing human centromeric
AU alloid **satellite** DNA sequences in mouse cells.
CS Taylor, Stephen S. [Reprint author]; Larin, Zoia; Tyler-Smith, Chris
USA Dep. Cell Biol., Harvard Med. Sch., 240 Longwood Ave., Boston, MA 02115,
SO Chromosoma (Berlin), (1996) Vol. 105, No. 2, pp. 70-81.
CODEN: CHROAU. ISSN: 0009-5915.
OT Article
LA English
ED Entered STN: 24 Oct 1996
Last Updated on STN: 24 Oct 1996

L7 ANSWER 28 OF 33 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 10
AN 1995:783105 CAPLUS
DN 123:247699
TI Molecular marker technologies for **plant** improvement
AU Winter, P.; Kahl, G.
CS Biozentrum, Frankfurt University, Frankfurt, D-60439, Germany
SO World Journal of Microbiology & Biotechnology (1995), 11(4), 438-48
CODEN: WJMBEY; ISSN: 0959-3993
PB Rapid Science Publishers
OT Journal; General Review
LA English

L7 ANSWER 29 OF 33 CABA COPYRIGHT 2005 CABI on STN
AN 95:95428 CABA
DN 19951605531
TI Identification of clones carrying minisatellite-like loci in an
AU Arabidopsis thaliana YAC library
CS Durward, E.; Shiu, O. Y.; Luczak, B.; Mitchelson, K. R.
Department of Molecular and Cell Biology, University of Aberdeen, Aberdeen
SO AB9 1AS, UK.
Journal of Experimental Botany, (1995) Vol. 46, No. 283, pp. 271-274. 20
ref.
ISSN: 0022-0957
OT Journal
LA English
ED Entered STN: 19950523
Last Updated on STN: 19950523

L7 ANSWER 30 OF 33 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 11
AN 95:36769 CABA
DN 19951600165
TI Construction of a YAC library from a Beta vulgaris fragment addition and
AU isolation of a major **satellite** DNA cluster linked to the beet
CS cyst nematode resistance locus Hs1pat-1
Klein-Lankhorst, R. M.; Salentijn, E. M. J.; Dirkse, W. G.; Arens-De
Reuver, M. J. B.; Stiekema, W. J.
Department of Molecular Biology, DLO-Centre for Plant Breeding and
SO Reproduction Research (CPRO-DLO), PO Box 16, 6700 AA Wageningen,
Netherlands.
Theoretical and Applied Genetics, (1994) Vol. 89, No. 4, pp. 426-434. 63
ref.
ISSN: 0040-5752
OT Journal
LA English
ED Entered STN: 19950223
Last Updated on STN: 19950223

L7 ANSWER 31 OF 33 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on

STN
1993:251820 BIOSIS
PREV199395130995
A 37-kb fragment common to the pericentromeric region of human chromosomes
13 and 21 and to the ancestral inactive centromere of chromosome 2.
Charliou, Jean-Paul [Reprint author]; Laurent, Anne-Marie; Orti, Robert;
Viegas-Pequignot, Evani; Bellis, Michel; Roizes, Gerard
CNRS UPR 9008, Institut de Biologie, Boulevard Henri IV, F-34060
Montpellier Cedex, France
Genomics, (1993) Vol. 15, No. 3, pp. 576-581.
CODEN: GNMCEP. ISSN: 0888-7543.
Article
English
Entered STN: 21 May 1993
Last Updated on STN: 21 May 1993

ANSWER 32 OF 33 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
1992:368368 BIOSIS
PREV199294050418; BA94:50418
DODECA **SATELLITE** A CONSERVED G PLUS C-RICH **SATELLITE**
FROM THE CENTROMERIC HETEROCHROMATIN OF DROSOPHILA-MELANOGASTER.
ABAD J P [Reprint author]; CARMENA M; BAARS S; SAUNDERS R D C; GLOVER D M;
LUDENA P; SENTIS C; TYLER-SMITH C; VILLASANTE A
CENTRO NACIONAL DE BIOTECNOL, UNIVERSIDAD AUTONOMA MADRID, CANTOBLANCO,
28049-MADRID SPAIN
Proceedings of the National Academy of Sciences of the United States of
America, (1992) Vol. 89, No. 10, pp. 4663-4667.
CODEN: PNASA6. ISSN: 0027-8424.
Article
BA
ENGLISH
Entered STN: 9 Aug 1992
Last Updated on STN: 9 Aug 1992

ANSWER 33 OF 33 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 12
94:66028 CABA
19941605097
Construction and characterisation of a yeast **artificial**
chromosome library containing two haploid *Beta vulgaris* L. genome
equivalents
Eyers, M.; Edwards, K.; Schuch, W.
Plant Biotechnology Section, ICI Seeds, Jealott's Hill Research Station,
Bracknell RG12 6EY, UK.
Gene, (1992) Vol. 121, No. 2, pp. 195-201. 25 ref.
ISSN: 0378-1119
Journal
English
Entered STN: 19941101
Last Updated on STN: 19941101

=> d his

(FILE 'HOME' ENTERED AT 13:17:15 ON 11 APR 2005)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 13:18:07 ON 11 APR 2005

L1	11410 S ARTIFICIAL CHROMOSOME
L2	2785 S PLANT AND L1
L3	113 S (PLANT CELL) AND L2
L4	3 S SATELLITE AND L3
L5	3 DUP REM L4 (0 DUPLICATES REMOVED)
L6	49 S SATELLITE AND L2
L7	33 DUP REM L6 (16 DUPLICATES REMOVED)

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